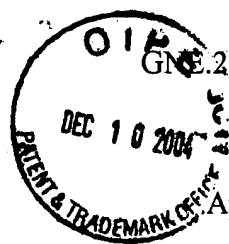


ITW
AF
1637

PATENT



GNE.2930R1C3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Botstein, et al.
Appl. No. : 10/032,996
Filed : December 27, 2001
For : SECRETED AND
TRANSMEMBRANE
POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME
Examiner : Fredman, J.
Group Art Unit : 1637

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 6, 2004

(Date)

AnneMarie Kaiser, Reg. No. 37,640

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the final Office Action mailed September 7, 2004, Applicants submit the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

**PATENT**

Case Docket No. GNE.2930R1C3

Date: December 6, 2004

Page 1

In re application of : Botstein, et al.
App. No. : 10/032,996
Filed : December 27, 2001
For : SECRETED AND
TRANSMEMBRANE
POLYPEPTIDES AND
NUCLEIC ACIDS ENCODING
THE SAME
Examiner : Fredman, J.
Art Unit : 1637

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450, on

December 6, 2004

(Date)

AnneMarie Kaiser, Reg. No. 37,649

COMMISSIONER FOR PATENTS Mail Stop AF
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

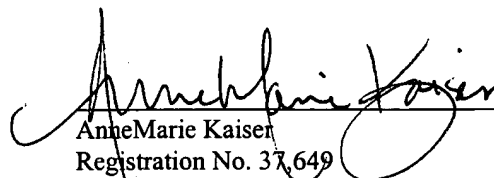
Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

| CLAIMS AS FILED | | | | | | |
|--|---|---|---------------------------------------|------------------|-------|-------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE |
| Total Claims | 15 | — | 20 | = 0 × | \$18 | = \$0 |
| Independent Claims | 2 | — | 3 | = 0 × | \$88 | = \$0 |
| If application has been amended to contain multiple dependent claim(s), then add | | | | | \$300 | = \$0 |
| Time Extension Fee | | | | | | \$0 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | | \$0 |

- (X) Copy of Power of Attorney.
(X) Exhibits 1-4.
(X) Return prepaid postcard.

-
- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.
- (X) Please use Customer No. 30,313 for the correspondence address.


AnneMarie Kaiser
Registration No. 37,649
Attorney of Record
Customer No. 30,313
(619) 235-8550